IN THE CLAIMS

1. (previously presented) A combustor and a combustor cap liner assembly, comprising:

a combustor having a combustor casing and a combustion liner within the combustor casing, wherein the combustion liner is closed at a forward end by the combustor liner cap assembly, the combustor including a cellular solid media disposed within the combustor liner cap assembly and/or between the combustion liner cap assembly and an end cover to the combustor and wherein the cellular solid media comprises a metal foam.

2. (original) The combustor and a combustor cap liner assembly of Claim 1, wherein comprising the cellular solid media in the combustion liner cap assembly is disposed about at least one burner tube extending through the combustion liner cap assembly.

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3-5. (canceled).

6. (original) The combustor and a combustor cap liner assembly of Claim 1, wherein the cellular solid media comprises a metal alloy and/or superalloy material.

7. (original) The combustor and a combustor cap liner assembly of Claim 6, wherein the metal alloy and or super alloy comprises a metal selected from the group consisting of chrome, aluminum, cobalt, nickel, iron, tungsten, molybdenum, and titanium.